

Scientific Method

Problem/Question

Will they egg break when dropped?

Observation/Research

The egg is very delicate.

Materials Needed:

* 48 popsicle sticks
* An abundance of Masking Tape
* Hot Glue
* 2 Pieces of Bubble Wrap
* Plastic Bag
* 2 Balloons
* 3 Tissues
* Foam Cup
* 4 Rubber Bands
* My partner and I started off with making a basket for the egg. We hot glued it together to make a Popsicle stick basket.
* We blew up 2 balloons and hot glued them to the inside of a plastic bag.
* We hot glued a foam cup to the inside of the Popsicle stick box. Finally, my partner and I put 2 tissues on the bottom of the foam cup and placed the egg on top of the tissues. We covered up the egg with one more tissue.

Control & Variable:

The Control: We all used the same type of egg and dropped it from the 10 foot tall ladder. Also, we had the same temperature, 70 degrees and partly sunny weather with 6mph wind.

Independent Variable: Again we used the same egg and dropped it from the same 10 foot tall ladder. We had the same temperature and wind speed.

Dependent Variable: We used different materials than everybody else.

Collect & Analyze Results

1. What worked to save your egg?

Our foam cup and tissues supporting and protecting the egg. Also, the balloons and plastic bag.

1. What did not work to save your egg?

Nothing, because our egg survived.

Conclusion

Our egg survived the drop and was not harmed.

Communicate Results

I would limit the resources used in the project and drop the egg from more than 10 feet.